

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	87	"5,370,327" "5,762,759" "4,625,637" "6,669,821" "6423186"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:09
L2	103572	(position ) near3 (measur\$4 sens\$4 detect\$4 transducer gauge cell monitor\$4 ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:31
L3	19132	2 and (compar\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:34
L4	61	3 and (hydraulic ) near3 (chang\$4 adjust\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:34
L5	42	4 and (fluid\$4 flow ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:32
L6	32	5 and (valve ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:32
L7	2	6 and (nip).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:29
L8	2	6 and (nip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:32
L9	105745	(force load pressure strain stress ) near3 (measur\$4 sens\$4 detect\$4 transducer gauge cell monitor\$4 ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:33

## EAST Search History

L10	19125	9 and (compar\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:32
L11	144	10 and (hydraulic ) near3 (chang\$4 adjust\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:41
L12	92	11 and (fluid\$4 flow ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:45
L13	62	12 and (valve ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:32
L14	2	13 and (nip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:33
L15	198028	(force load pressure strain stress position) near3 (measur\$4 sens\$4 detect\$4 transducer gauge cell monitor\$4 ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:40
L16	3006	15 and (nip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:33
L17	411	16 and (compar\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:41
L18	4	17 and (hydraulic ) near3 (chang\$4 adjust\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:34
L19	12	17 and (hydraulic ) near3 (chang\$4 adjust\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:35

## EAST Search History

L20	5	19 and (valve).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:40
L21	3615	roll near3 nip.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:44
L22	241	21 and (force load pressure strain stress position) near3 (measur\$4 sens\$4 detect\$4 transducer gauge cell monitor\$4 ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:44
L23	39	22 and (compar\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:44
L24	13	23 and (hydraulic ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:44
L25	8	24 and (valve).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:45
L26	4	25 and (switch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:46
L27	32994	roll near3 nip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:44
L28	5096	27 and (force load pressure strain stress position) near3 (measur\$4 sens\$4 detect\$4 transducer gauge cell monitor\$4 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:44
L29	3278	28 and (compar\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:44

## EAST Search History

L30	600	29 and (hydraulic )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:45
L31	499	30 and (fluid\$4 flow )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:45
L32	173	31 and (valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:45
L33	58	32 and (switch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:46
L34	29	33 and (convert\$4 conversion )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:52
L35	28	34 and (cylinder )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:47
L36	23	35 and (piston )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:51
L37	12	36 and (reel )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:47
L38	12	37 and (web beam )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:50
L39	10	38 and (amplitude frequenc\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:48

## EAST Search History

L40	10	39 and (coat\$4 paint\$4 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:48
L41	10	40 and (rolling roller ball )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:49
L42	1	41 and (actuat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:49
L43	1336	73/159.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:52
L44	85	43 and (nip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:52
L45	0	44 and (hydraulic )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:53
L46	6	44 and (hydraulic )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:53

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3615	roll near3 nip.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:40
L2	189	1 and (hydraulic).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:40
L3	132	2 and (pressure ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:40
L4	22	3 and (rolling roller).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:45
L5	10	4 and (measur\$4 detect\$4 transducer sens\$4 gauge cell monitor\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:41
L6	3	5 and (switch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:43
L7	2	6 and (compar\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:36
L8	263	"5,358,606" "5,381,341" "5,703, 574" "5,813,496" "5,930,136" "5, 953,230" "6205369" "6,231,722" "6,270,628" "6,430,458" "5,048, 353" "5,379,652" "5,383,371" "5, 592,875" "5,699,729" "6,662,630" "6,769,314" "6,523,465" "6228009" "5785636" "5127141" "6835283" "6910376" "4644860" "5908537" "4975153" "6685610" "5,370,327" "5,762,759" "4,625, 637" "6,669,821" "6423186"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:40

## EAST Search History

L9	2	7 and (valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:41
L10	56	8 and (roll near3 nip).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:42
L11	13	10 and (hydraulic).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:42
L12	12	11 and (pressure )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:42
L13	4	12 and (measur\$4 detect\$4 transducer sens\$4 gauge cell monitor\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:42
L14	1	13 and (valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:42
L15	127	8 and (roll near3 nip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:42
L16	73	15 and (hydraulic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:42
L17	69	16 and (pressure )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:42
L18	56	17 and (measur\$4 detect\$4 transducer sens\$4 gauge cell monitor\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:42

## EAST Search History

L19	19	18 and (valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:42
L20	11	19 and (rolling roller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:43
L21	11	20 and (control\$4 ECU CPU processor microprocessor computer )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:51
L22	2	21 and (switch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:44
L23	61	"4207919" "4480537" "4597275" "4903517" "5320299"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:57
L24	12	23 and (hydraulic ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:45
L25	8	24 and (rolling roller ball )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:46
L26	7	25 and (valve )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:46
L27	7	26 and (nip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:47
L28	6	27 and (fluid\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:48



## EAST Search History

L29	2	7 and (fluid\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:48
L30	2	22 and (fluid\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:48
L31	6	28 and (control\$4 ECU CPU processor microprocessor computer )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:51
L32	2	31 and (convert\$4 conversion )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:52
L33	2	32 and (cylinder )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:53
L34	2	33 and (piston )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:53
L35	1	34 and (coat\$4 paint\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:54
L36	1	35 and (actuat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:55
L37	37	23 and (hydraulic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:57
L38	33	37 and (nip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:57

## EAST Search History

L39	15	38 and (compar\$4 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 10:59
L40	8	39 and (valve )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 11:00